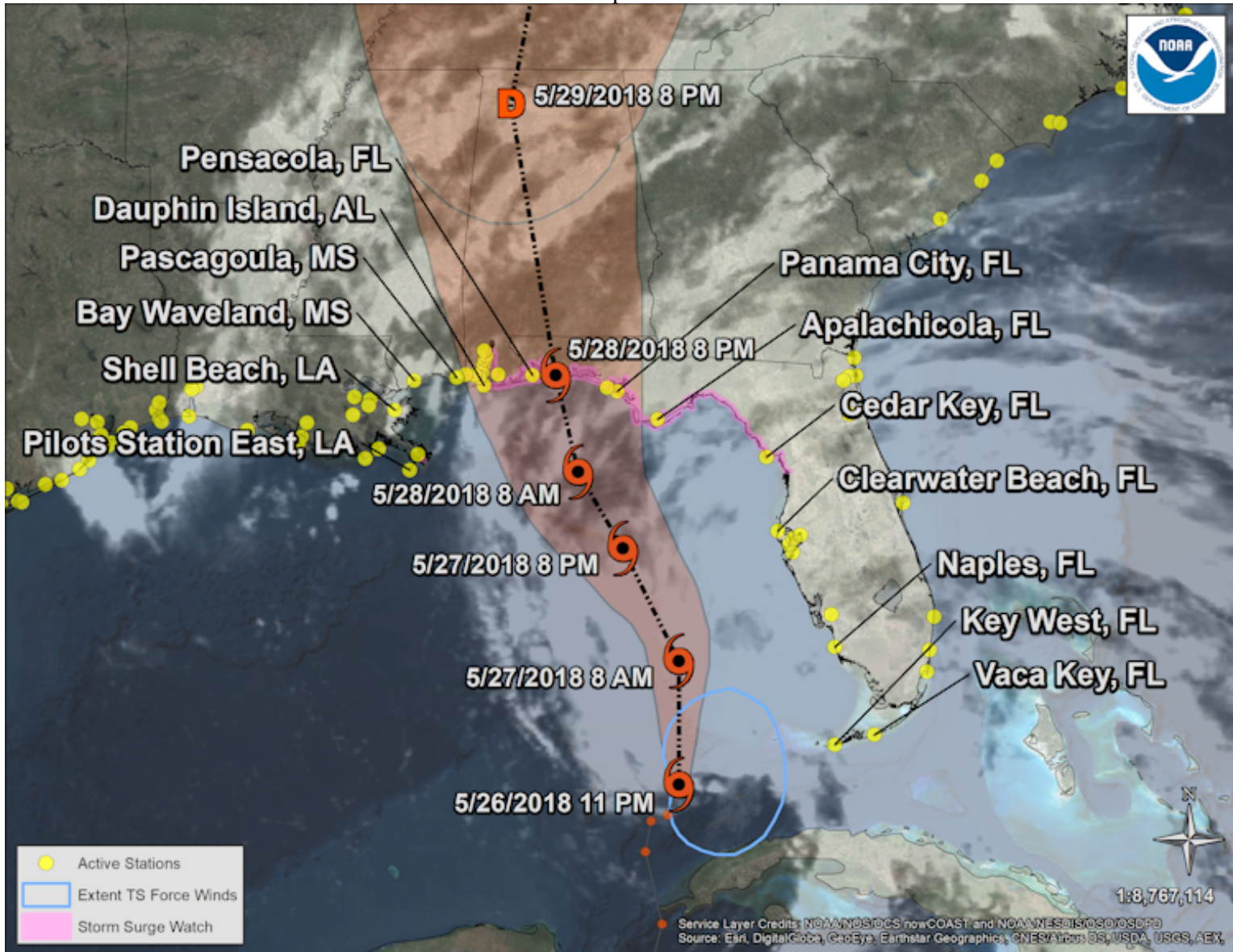




# Subtropical Storm Alberto QuickLook Posted: 00:00 EDT 05/27/2018

NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 05/27/2018 00:00 EDT, water levels along the Gulf Coast of Florida to Louisiana are elevated up to 1.3 feet above normal tide levels. The highest water levels are presently being observed along the Florida Panhandle to Shell Beach, LA. Prior to Alberto, water levels were elevated in the Gulf of Mexico by up to 0.2 feet above normal tide predictions.

Winds across the region are moderatley breezy and range from 10 to 20 kts, with high wind gusts up to 30 kts. Barometric pressure continues to fall across the Eastern Gulf of Mexico.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CMF

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Select National Hurricane Center Advisory Information:

Subtropical Storm Alberto Advisory Number 7  
1100 PM EDT Sat May 26 2018

...CENTER OF ALBERTO REFORMS A LITTLE TO THE NORTHEAST...  
...HEAVY RAINFALL CONTINUES TO SPREAD NORTHWARD OVER FLORIDA...

#### WATCHES AND WARNINGS

#### ----- CHANGES WITH THIS ADVISORY:

The Storm Surge Watch has been discontinued west of the Mississippi/Alabama border.

The Government of Cuba has discontinued the Tropical Storm Warning for Pinar del Rio.

#### SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

- \* Crystal River to the Mississippi/Alabama border

A Tropical Storm Warning is in effect for...

- \* Dry Tortugas
- \* Bonita Beach to Anclote River
- \* Aucilla River to the Mississippi/Alabama border

A Tropical Storm Watch is in effect for...

- \* Mississippi/Alabama border to the Mouth of the Pearl River

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

A Tropical Storm Watch means that tropical storm conditions are possible in the United States portion of that watch area within 48 hours.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

## DISCUSSION AND OUTLOOK

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At 1100 PM EDT (0300 UTC), the center of Subtropical Storm Alberto was located near latitude 23.9 North, longitude 84.6 West. The storm is moving generally toward the north-northeast near 13 mph (20 km/h). A turn toward the north is expected later tonight, and a motion toward the north-northwest is expected Sunday through Monday night. On the forecast track, the center of Alberto will cross the eastern and northern Gulf of Mexico through Monday, then move near or over the northern coast of the Gulf of Mexico in the warning area late Monday afternoon or Monday night. Heavy rainfall and tropical storm conditions will likely reach the northern Gulf Coast well before the arrival of the center of Alberto.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Gradual strengthening is forecast until the system reaches the northern Gulf Coast on Monday.

Winds of 40 mph extend outward up to 140 miles (220 km) mainly to the east of the center. The NOAA automated station at Pulaski Shoals, Florida recently reported sustained winds of 38 mph (61 km/h) and a wind gust of 44 mph (70 km/h).

The estimated minimum central pressure from Air Force Reserve Hurricane Hunter aircraft data is 1001 mb (29.56 inches).

## HAZARDS AFFECTING LAND

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**RAINFALL:** Alberto is expected to produce total rain accumulations of 10 to 15 inches with isolated totals of 25 inches across western Cuba. These rains could produce life-threatening flash floods and mudslides. Rainfall accumulations of 3 to 7 inches with maximum amounts of 10 inches are possible across the Florida Keys and southern Florida. Heavy rains will begin to affect the eastern Gulf Coast region into the southeastern United States on Sunday and continue into the middle of next week as Alberto moves northward after landfall. Rainfall totals of 5 to 10 inches with maximum amounts of 15 inches are possible along the track of Alberto from much of Alabama and the Florida Panhandle into western Tennessee. Rainfall totals of 3 to 5 inches with maximum totals of 8 inches are possible across eastern Mississippi and from the southern Appalachians into the coastal southeast United States.

**WIND:** Tropical Storm conditions are expected in the Dry Tortugas and in the warning area along the west coast of Florida beginning later tonight and Sunday. Tropical Storm conditions are expected within the warning area along the northern Gulf Coast by Sunday night. Tropical Storm conditions are possible in the watch area along the northern Gulf Coast by Monday.

**STORM SURGE:** The combination of storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Crystal River to the Mississippi/Alabama border...2 to 4 ft

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: Isolated tornadoes are possible tonight across the Keys and south Florida tonight, and across all of the state on Sunday.

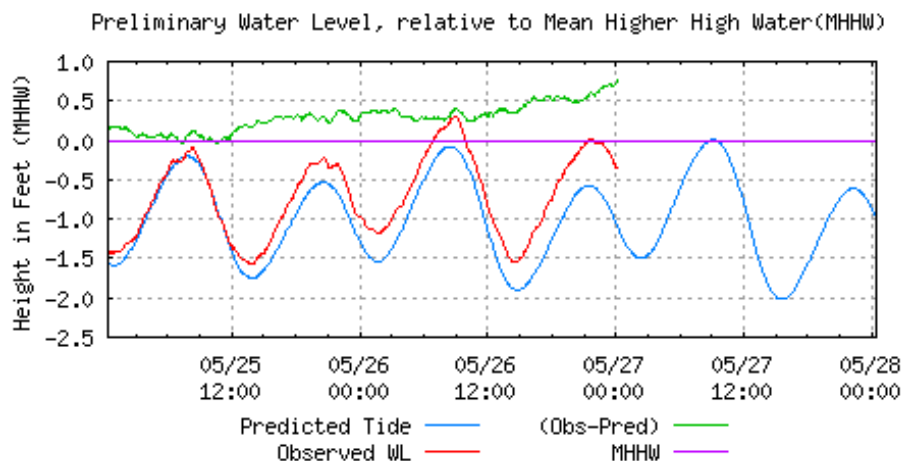
SURF: Swells generated by Alberto are expected to spread northward along the eastern and northern Gulf Coast through Monday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your local weather office.

Forecaster Beven

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Vaca Key, Florida Bay - Barometric](#), [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#)

# NOAA/NOS/CO-OPS 8724580 Key West, FL



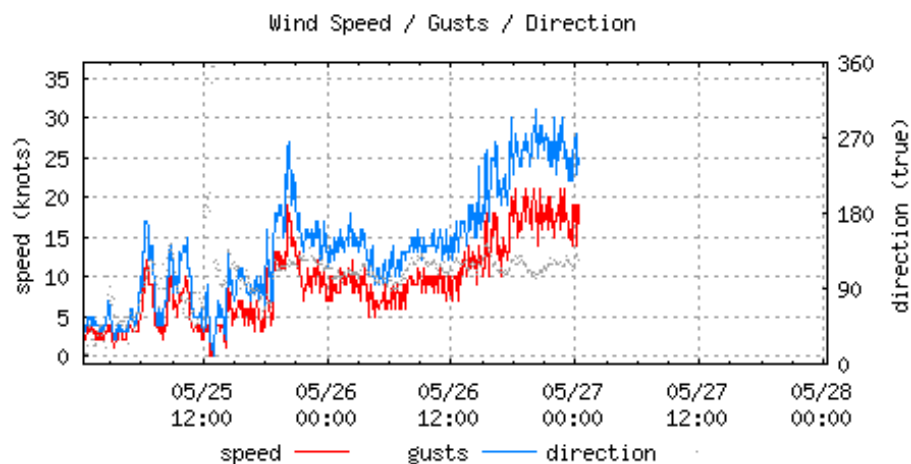
Last Observed Sample: 05/27/2018 00:24 (EDT). Data relative to MHHW

Observed: -0.36 ft. Predicted: -1.14 ft. Residual: 0.78 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 05/27/2018 09:05 (EDT), 0.00 ft.

# NOAA/NOS/CO-OPS 8724580 Key West, FL

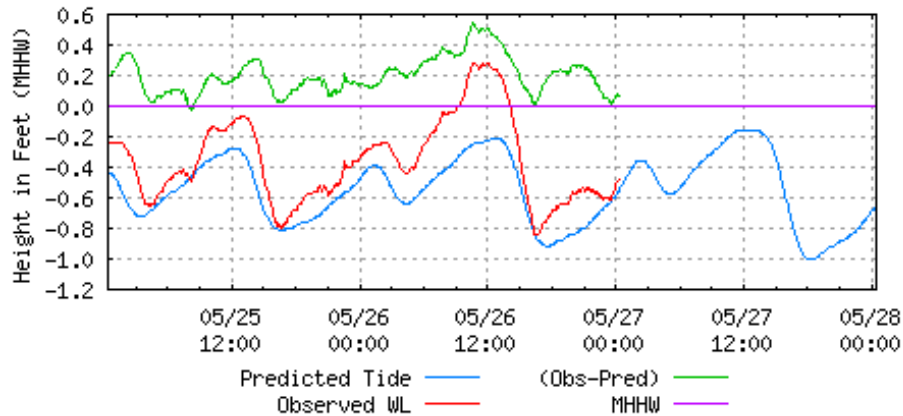


Last Observed Sample: 05/27/2018 00:24 (EDT)

Wind Speed: 18 knots Gusts: 24 knots Direction: 122° T

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 00:18 (EDT). Data relative to MHHW

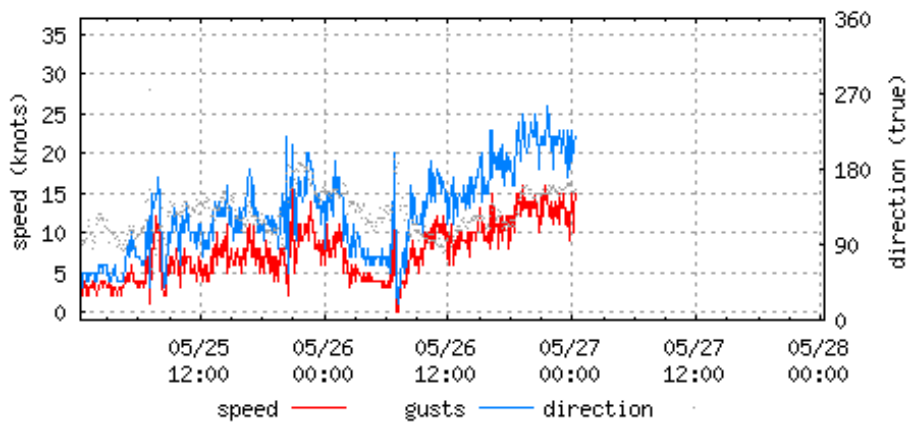
Observed: -0.48 ft. Predicted: -0.55 ft. Residual: 0.07 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 05/27/2018 02:21 (EDT), -0.35 ft.

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

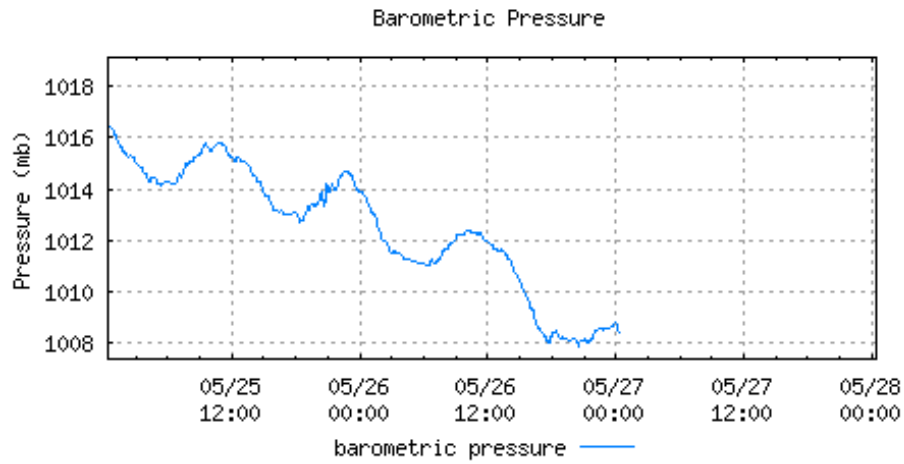
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 00:18 (EDT)

Wind Speed: 15 knots Gusts: 22 knots Direction: 156° T

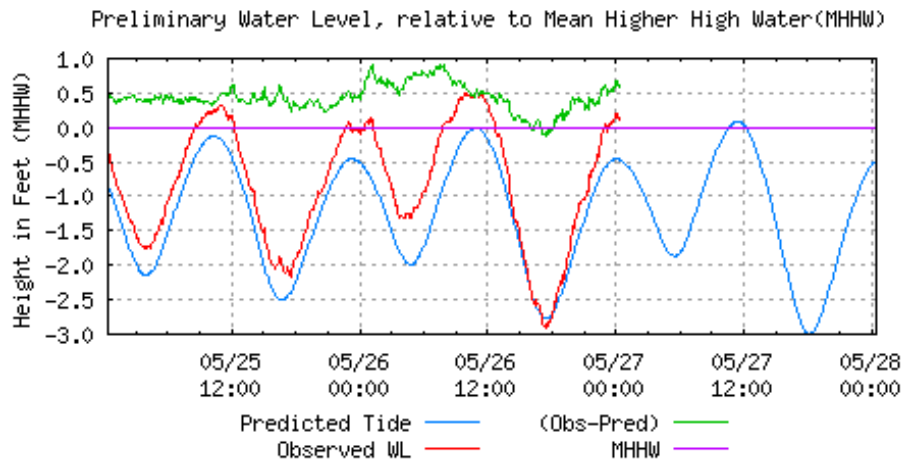
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 05/27/2018 00:18 (EDT)

Barometric Pressure: 1008.4 mb

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



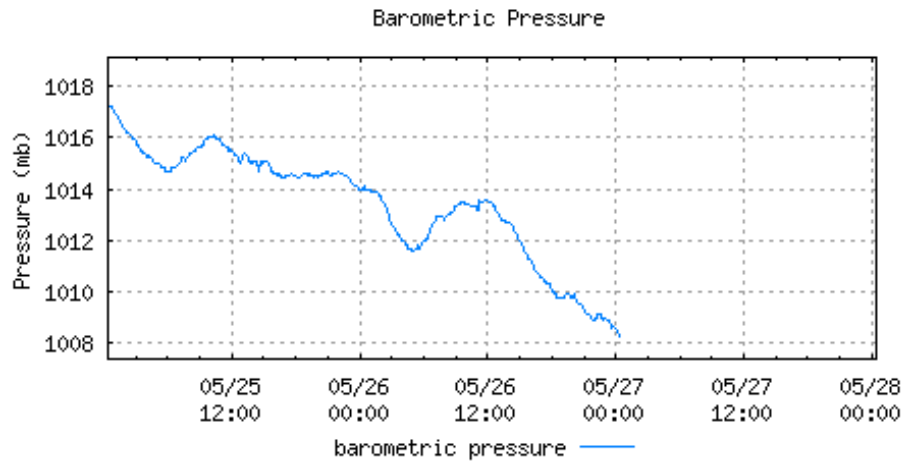
Last Observed Sample: 05/27/2018 00:18 (EDT). Data relative to MHHW

Observed: 0.12 ft. Predicted: -0.46 ft. Residual: 0.58 ft.

Historical Maximum Water Level: Dec 22 1972, 3.11 ft.

Next High Tide: 05/27/2018 11:24 (EDT), 0.09 ft.

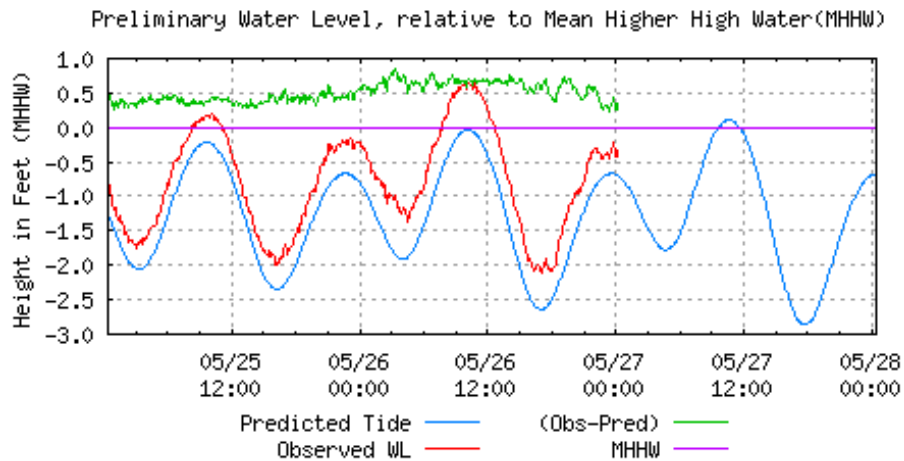
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 05/27/2018 00:18 (EDT)

Barometric Pressure: 1008.3 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 00:18 (EDT). Data relative to MHHW

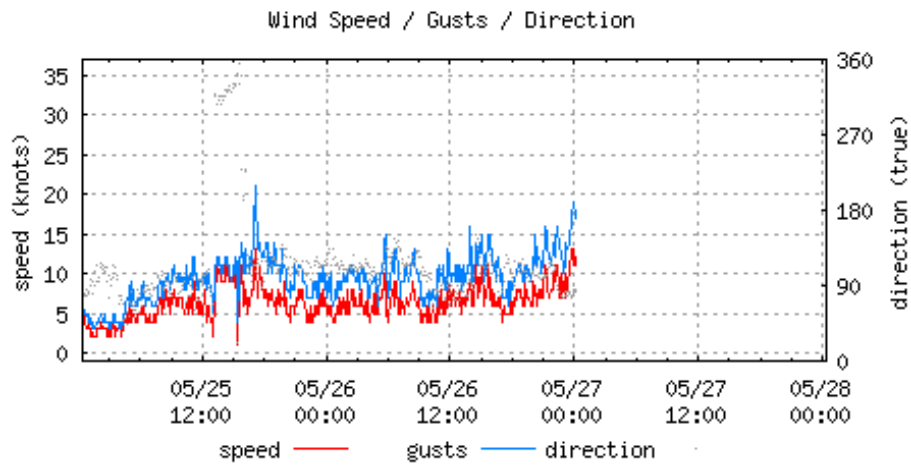
Observed: -0.46 ft. Predicted: -0.71 ft. Residual: 0.25 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/27/2018 10:36 (EDT), 0.11 ft.



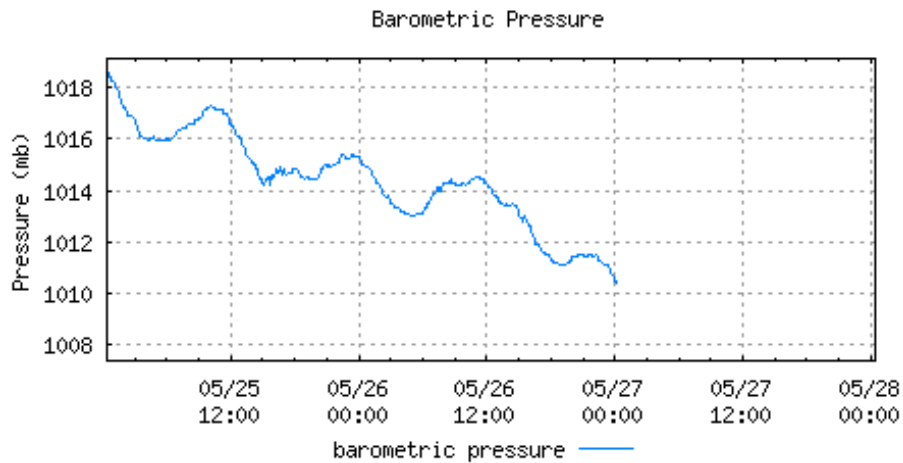
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 00:18 (EDT)

Wind Speed: 12 knots Gusts: 18 knots Direction: 86° T

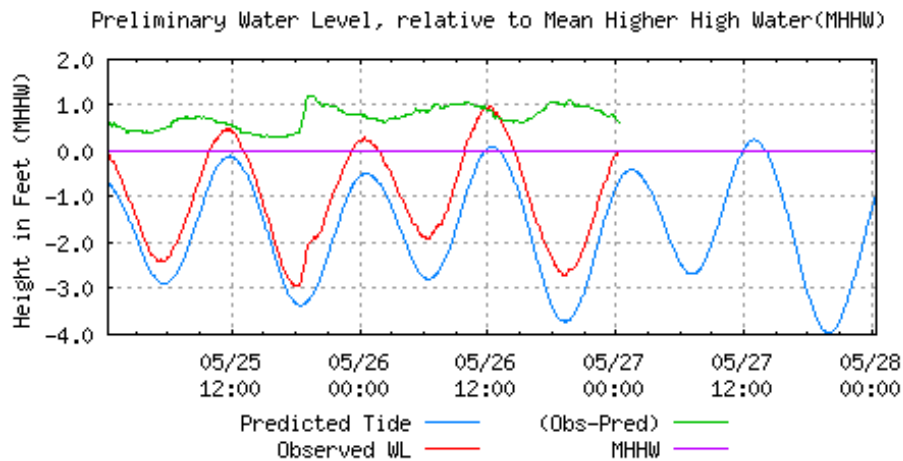
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 00:18 (EDT)

Barometric Pressure: 1010.3 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



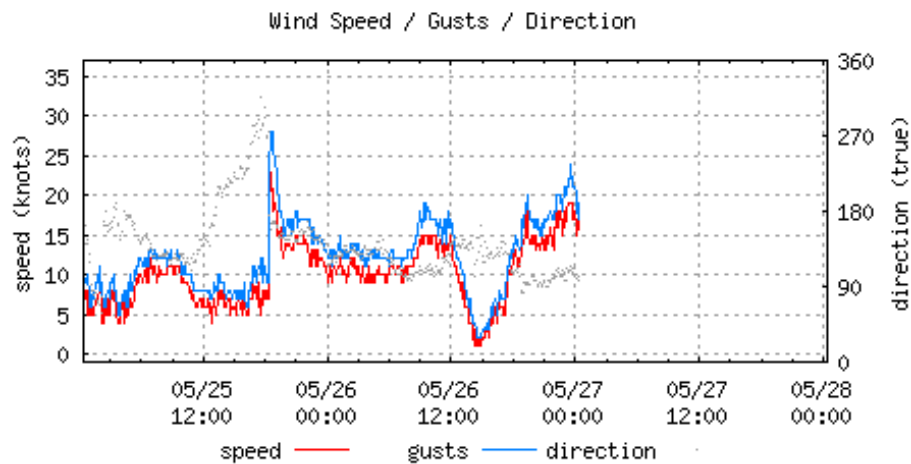
Last Observed Sample: 05/27/2018 00:24 (EDT). Data relative to MHHW

Observed: 0.00 ft. Predicted: -0.61 ft. Residual: 0.61 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/27/2018 01:27 (EDT), -0.41 ft.

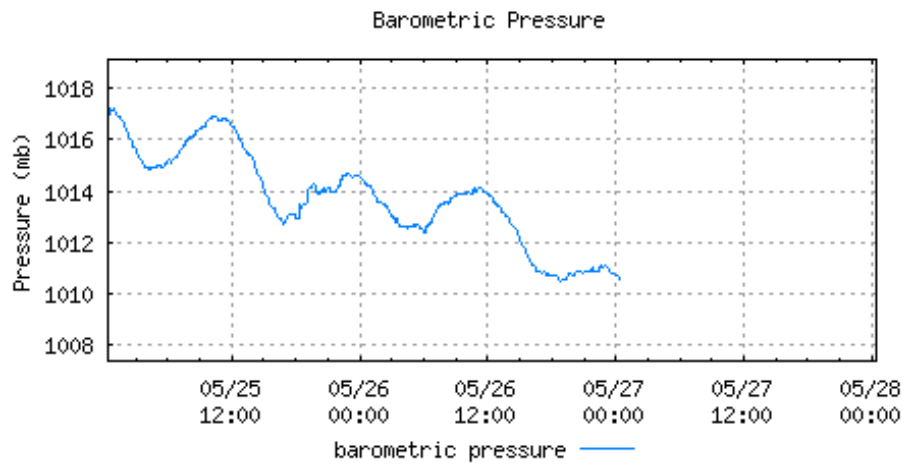
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 00:24 (EDT)

Wind Speed: 17 knots Gusts: 19 knots Direction: 97° T

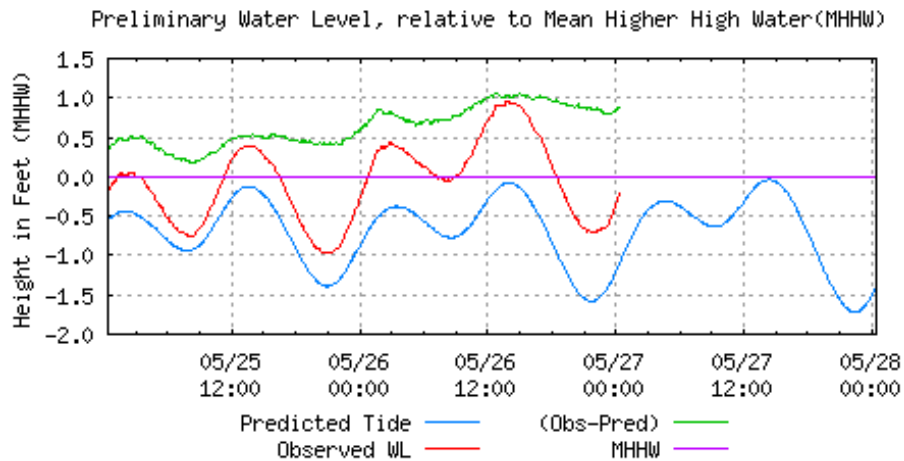
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 00:24 (EDT)

Barometric Pressure: 1010.6 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



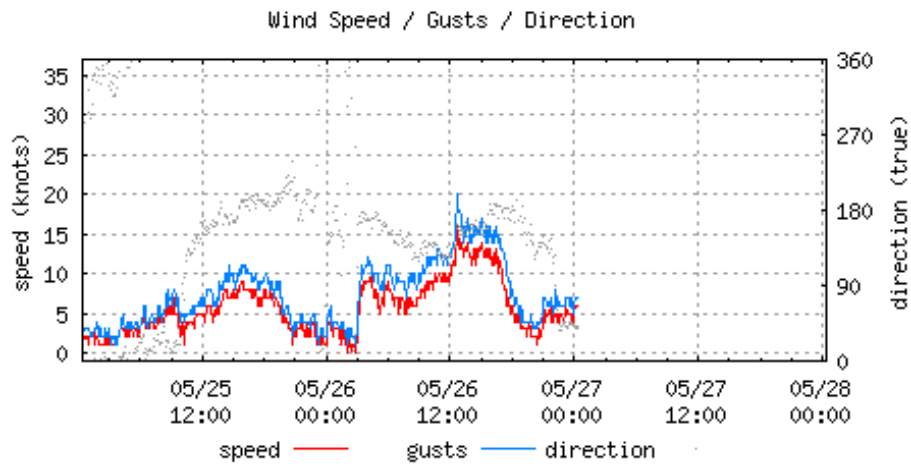
Last Observed Sample: 05/27/2018 00:24 (EDT). Data relative to MHHW

Observed: -0.20 ft. Predicted: -1.09 ft. Residual: 0.89 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 05/27/2018 04:36 (EDT), -0.31 ft.

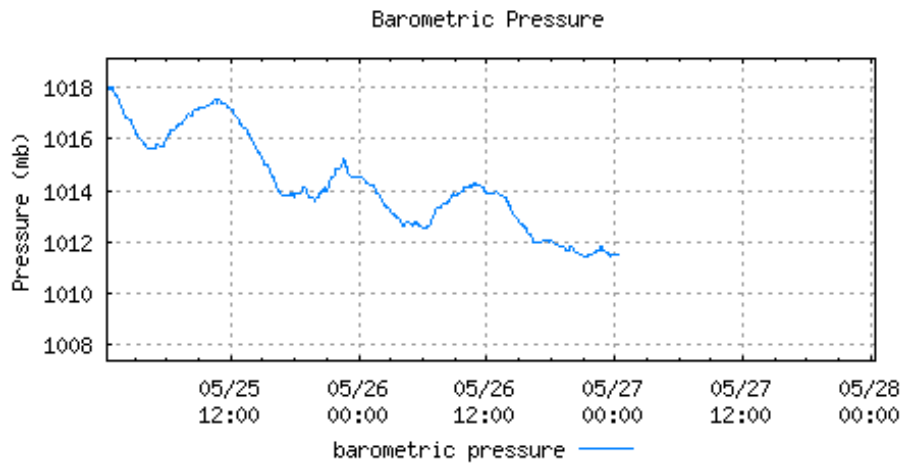
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 00:24 (EDT)

Wind Speed: 6 knots Gusts: 7 knots Direction: 41° T

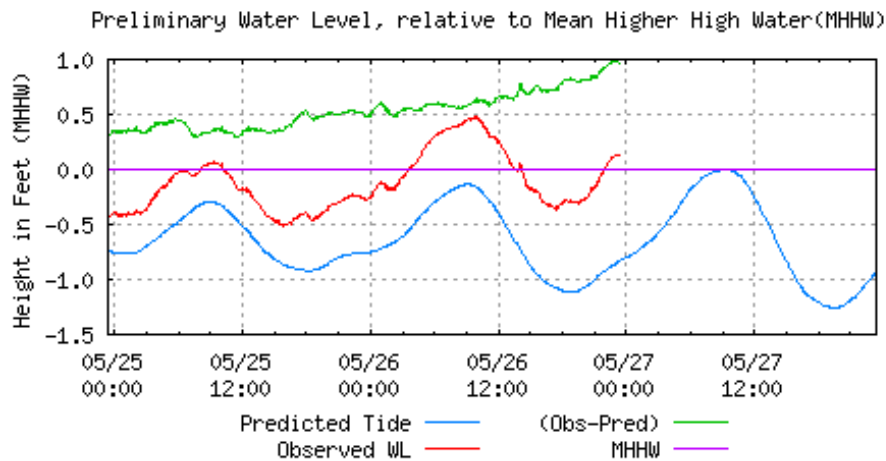
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 00:24 (EDT)

Barometric Pressure: 1011.5 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



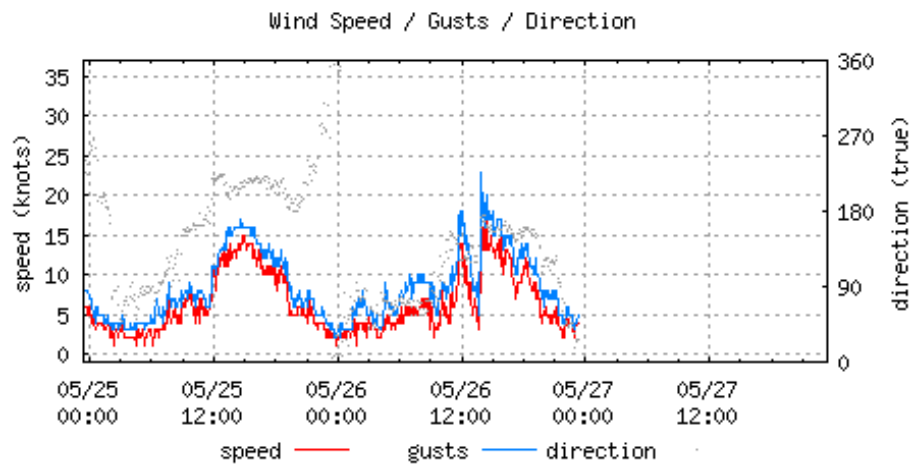
Last Observed Sample: 05/26/2018 23:24 (CDT). Data relative to MHHW

Observed: 0.13 ft. Predicted: -0.83 ft. Residual: 0.96 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/27/2018 09:15 (CDT), 0.00 ft.

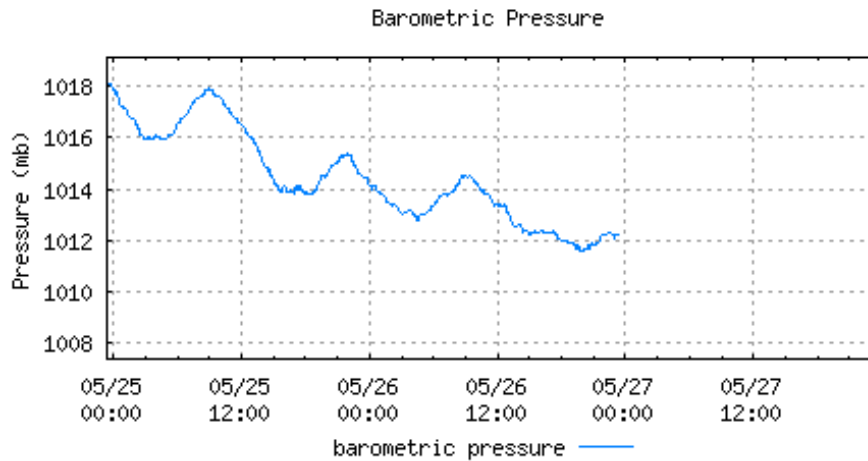
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/26/2018 23:24 (CDT)

Wind Speed: 4 knots Gusts: 5 knots Direction: 19° T

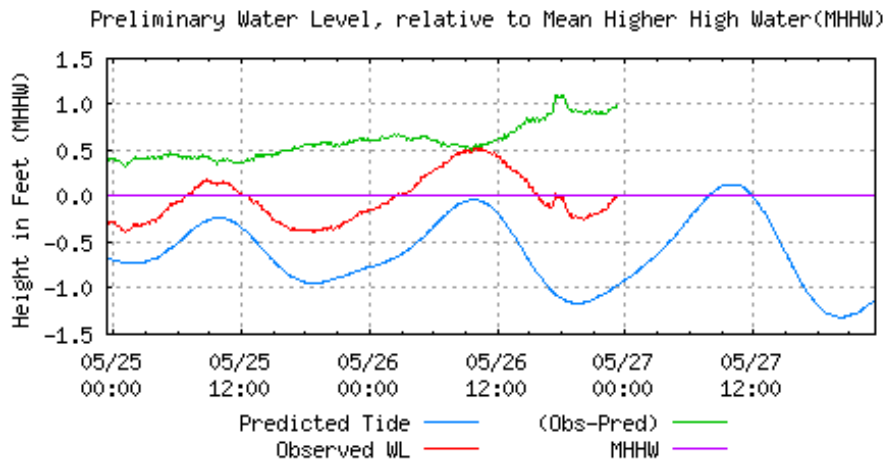
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/26/2018 23:24 (CDT)

Barometric Pressure: 1012.1 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



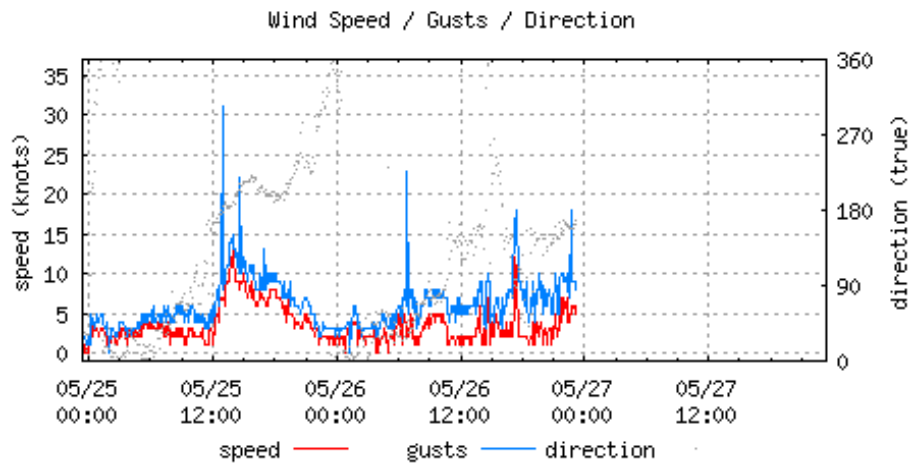
Last Observed Sample: 05/26/2018 23:18 (CDT). Data relative to MHHW

Observed: 0.03 ft. Predicted: -0.97 ft. Residual: 1.00 ft.

Historical Maximum Water Level: Sep 20 1926, 7.41 ft.

Next High Tide: 05/27/2018 09:56 (CDT), 0.14 ft.

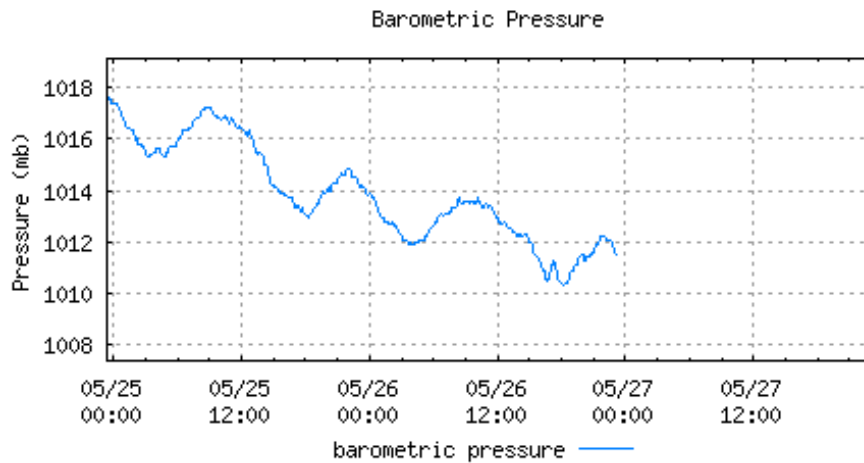
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/26/2018 23:18 (CDT)

Wind Speed: 8 knots Gusts: 10 knots Direction: 168° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

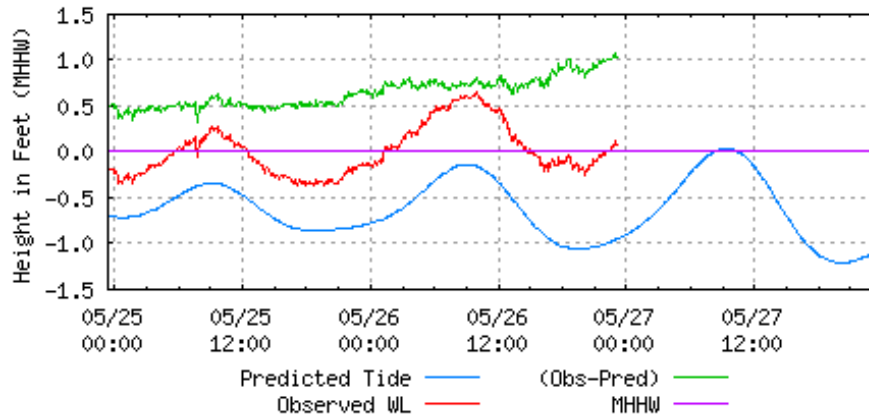


Last Observed Sample: 05/26/2018 23:18 (CDT)

Barometric Pressure: 1011.5 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/26/2018 23:18 (CDT). Data relative to MHHW

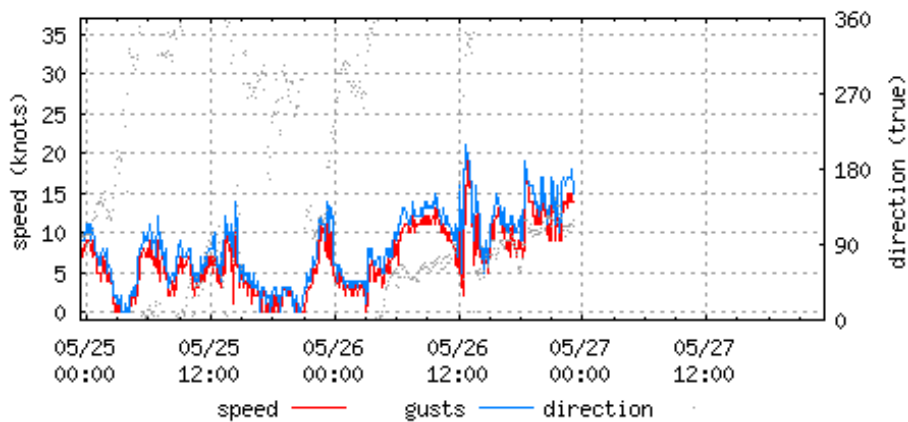
Observed: 0.07 ft. Predicted: -0.94 ft. Residual: 1.01 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/27/2018 09:21 (CDT), 0.04 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Wind Speed / Gusts / Direction

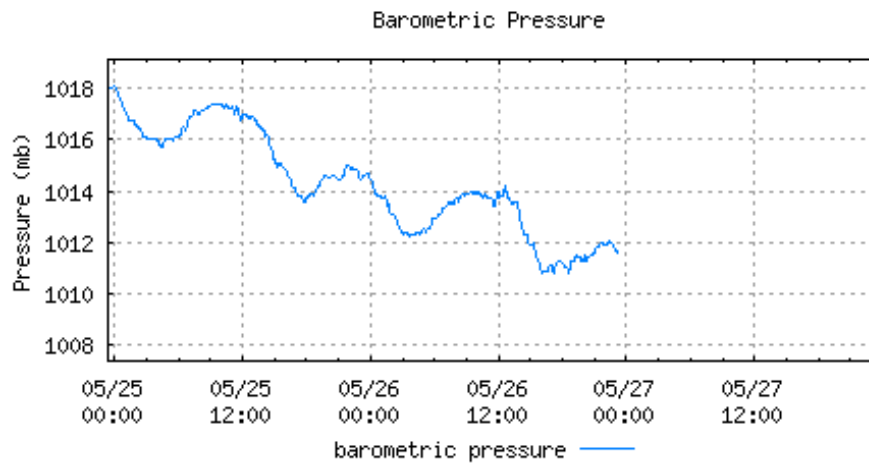


Last Observed Sample: 05/26/2018 23:18 (CDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 114° T



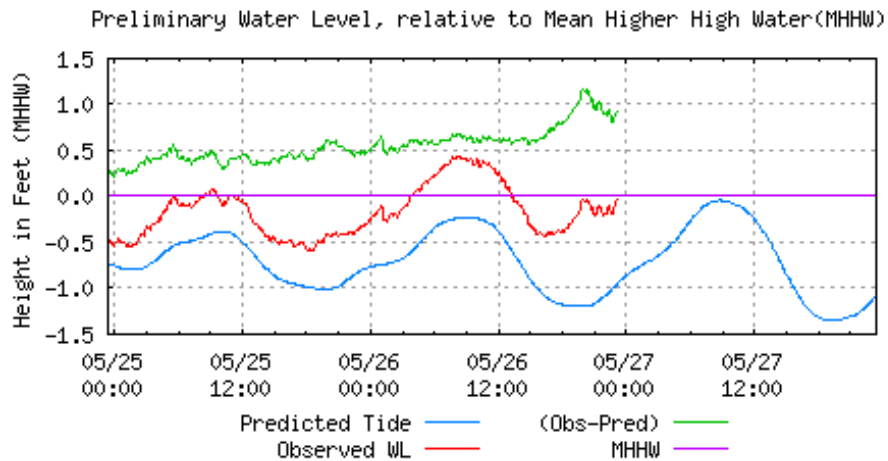
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/26/2018 23:18 (CDT)

Barometric Pressure: 1011.6 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS



Last Observed Sample: 05/26/2018 23:18 (CDT). Data relative to MHHW

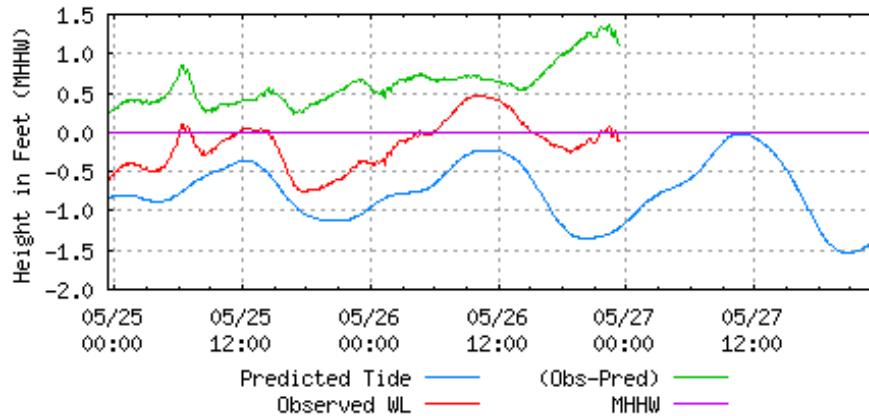
Observed: -0.04 ft. Predicted: -0.93 ft. Residual: 0.89 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 05/27/2018 08:43 (CDT), -0.04 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/26/2018 23:24 (CDT). Data relative to MHHW

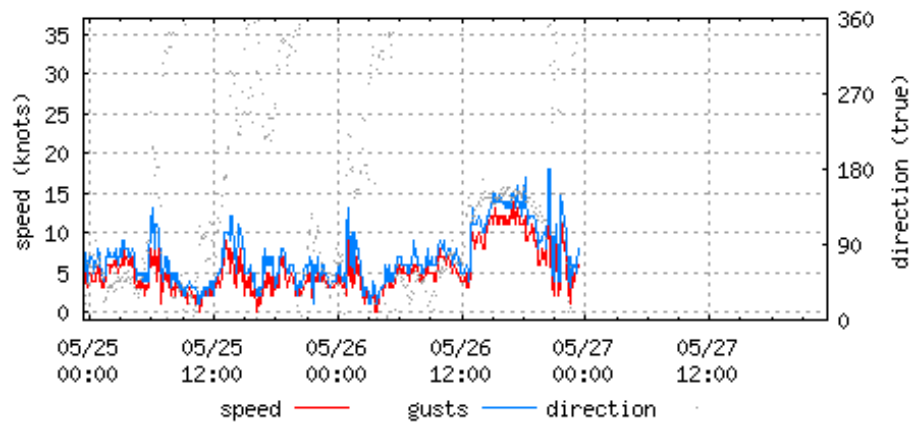
Observed: -0.10 ft. Predicted: -1.21 ft. Residual: 1.11 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/27/2018 10:41 (CDT), -0.01 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

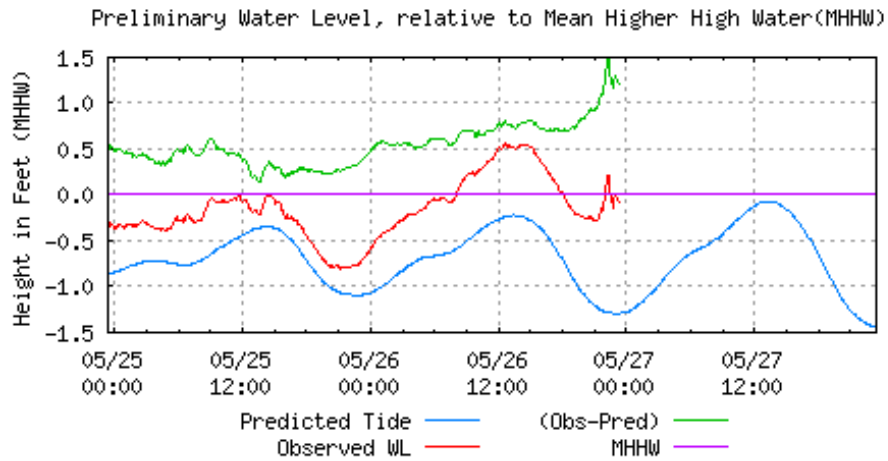
Wind Speed / Gusts / Direction



Last Observed Sample: 05/26/2018 23:24 (CDT)

Wind Speed: 6 knots Gusts: 8 knots Direction: 360° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



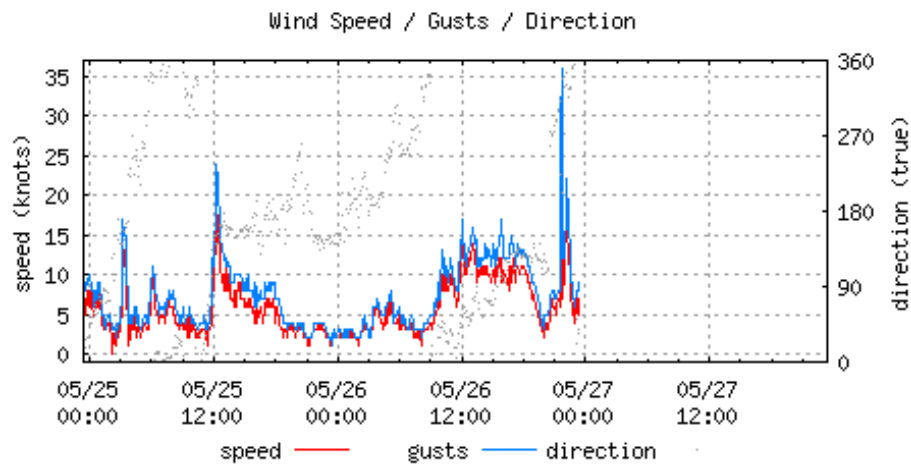
Last Observed Sample: 05/26/2018 23:24 (CDT). Data relative to MHHW

Observed: -0.08 ft. Predicted: -1.30 ft. Residual: 1.22 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 05/27/2018 13:20 (CDT), -0.07 ft.

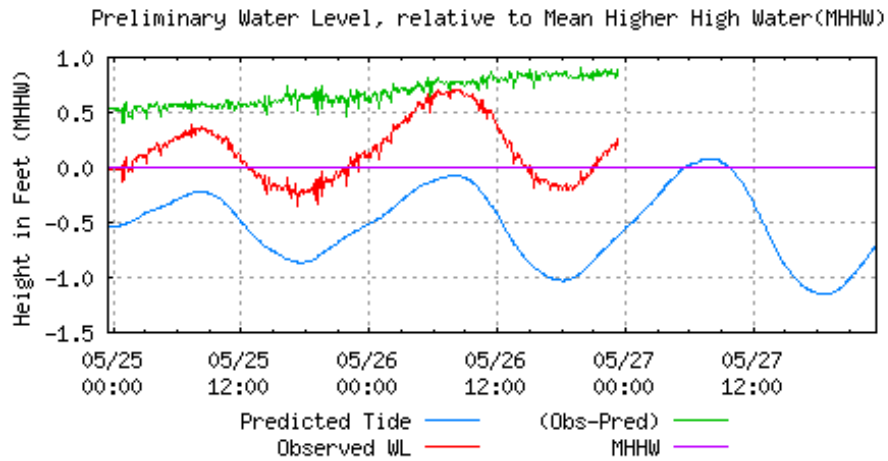
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 05/26/2018 23:24 (CDT)

Wind Speed: 7 knots Gusts: 9 knots Direction: 39° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



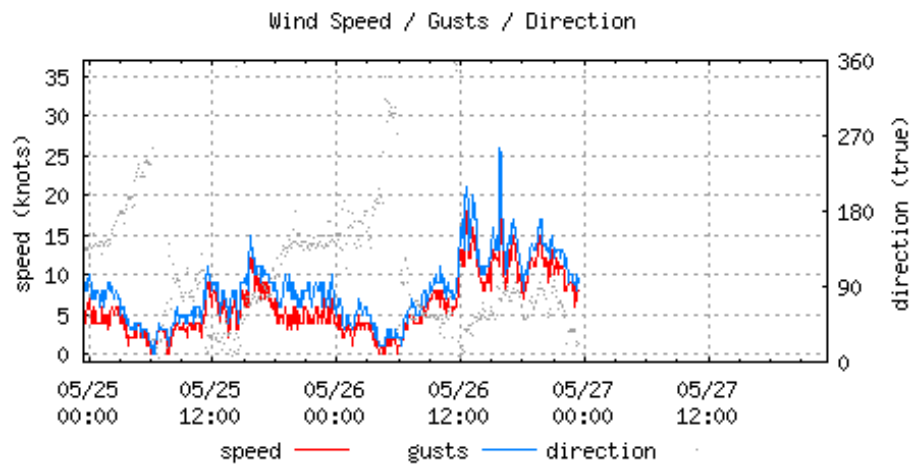
Last Observed Sample: 05/26/2018 23:24 (CDT). Data relative to MHHW

Observed: 0.27 ft. Predicted: -0.62 ft. Residual: 0.89 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/27/2018 07:57 (CDT), 0.07 ft.

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 05/26/2018 23:24 (CDT)

Wind Speed: 8 knots Gusts: 9 knots Direction: 21° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8724580	Key West, FL	05/27/2018 00:24 (EDT)	-0.36 ft	-1.14 ft	0.78 ft	0.31 ft
8723970	Vaca Key, Florida Bay, FL	05/27/2018 00:18 (EDT)	-0.48 ft	-0.55 ft	0.07 ft	0.29 ft
8725110	Naples, Gulf of Mexico, FL	05/27/2018 00:18 (EDT)	0.12 ft	-0.46 ft	0.58 ft	0.55 ft
8726724	Clearwater Beach, FL	05/27/2018 00:18 (EDT)	-0.46 ft	-0.71 ft	0.25 ft	0.65 ft
8727520	Cedar Key, FL	05/27/2018 00:24 (EDT)	0.00 ft	-0.61 ft	0.61 ft	0.99 ft
8728690	Apalachicola, FL	05/27/2018 00:24 (EDT)	-0.20 ft	-1.09 ft	0.89 ft	0.95 ft
8729108	Panama City, FL	05/26/2018 23:24 (CDT)	0.13 ft	-0.83 ft	0.96 ft	0.49 ft
8729840	Pensacola, FL	05/26/2018 23:18 (CDT)	0.03 ft	-0.97 ft	1.00 ft	0.52 ft
8735180	Dauphin Island, AL	05/26/2018 23:18 (CDT)	0.07 ft	-0.94 ft	1.01 ft	0.65 ft
8741533	Pascagoula NOAA Lab, MS	05/26/2018 23:18 (CDT)	-0.04 ft	-0.93 ft	0.89 ft	0.44 ft
8747437	Bay Waveland Yacht Club, MS	05/26/2018 23:24 (CDT)	-0.10 ft	-1.21 ft	1.11 ft	0.47 ft
8761305	Shell Beach, LA	05/26/2018 23:24 (CDT)	-0.08 ft	-1.30 ft	1.22 ft	0.57 ft
8760922	Pilots Station East, S.W. Pass, LA	05/26/2018 23:24 (CDT)	0.27 ft	-0.62 ft	0.89 ft	0.71 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce